L Number	Hits	Search Text	DB	Time stamp
-	898055	ADSL central office	USPAT	2003/12/30 15:53
-	831277	ADSL remote terminal	USPAT	2003/12/30 15:53
-	1458742	estimat$3 near1 transmission channel characteristic$1	USPAT	2003/12/30 15:55
-	1234320	gather$3 channel information near2 ADSL remote terminal	USPAT	2003/12/30 15:56
-	1072872	exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office	USPAT	2003/12/30 15:57
-	1281855	determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information	USPAT	2003/12/30 15:59
-	286215	(ADSL central office) and (ADSL remote terminal)	USPAT	2003/12/30 15:59
-	845182	(estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)	USPAT	2003/12/30 16:00
-	386691	((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)	USPAT	2003/12/30 16:01
-	326435	(((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)	USPAT	2003/12/30 16:02
-	162577	((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))	USPAT	2003/12/30 16:02
-	3937	714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.	USPAT	2004/01/02 16:50
-	1001	(((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)	USPAT	2003/12/30 16:05
-	2038905	channel information near1 attenuation characteristic per carrier	USPAT	2003/12/30 16:06
-	2324711	channel information near1 phase rotation characteristic per carrier	USPAT	2003/12/30 16:06
-	2038992	channel information near1 noise characteristic per carrier	USPAT	2003/12/30 16:06
-	2039363	channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier	USPAT	2003/12/30 16:08
-	1305344	channel impairment$1 near2 bridged tap location$1	USPAT	2003/12/30 16:08
-	1701664	channel impairment$1 near2 bridged tap length$1	USPAT	2003/12/30 16:09
-	1258435	channel impairment$1 near1 disturber location$1	USPAT	2003/12/30 16:09
-	1112098	channel impairment$1 near2 radio frequency interference	USPAT	2003/12/30 16:10
-	621748	channel impairment$1 near2 line attenuation	USPAT	2003/12/30 16:10
-	1001	((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)	USPAT	2003/12/30 16:10

-	1001	(((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)	USPAT	2003/12/30 16:11
-	1001	(((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)	USPAT	2003/12/30 16:11
-	1001	((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)	USPAT	2003/12/30 16:11
-	941	(((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)	USPAT	2003/12/30 16:11

-	918	(((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)	USPAT	2003/12/30 16:11
-	906	(((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)) and (channel impairment$1 near1 disturber location$1)	USPAT	2003/12/30 16:11
-	902	(((((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)) and (channel impairment$1 near1 disturber location$1)) and (channel impairment$1 near2 radio frequency interference)	USPAT	2003/12/30 16:11

-	886	(((((((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)) and (channel impairment$1 near1 disturber location$1)) and (channel impairment$1 near2 radio frequency interference)) and (channel impairment$1 near2 line attenuation)	USPAT	2003/12/30 16:12
-	22844	estimating with channel impairment$1	USPAT	2003/12/30 16:13
-	148	(((((((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)) and (channel impairment$1 near1 disturber location$1)) and (channel impairment$1 near2 radio frequency interference)) and (channel impairment$1 near2 line attenuation)) and (estimating with channel impairment$1)	USPAT	2003/12/30 16:21
-	9	"4105995"	USPAT	2003/12/30 16:23
-	177	379/1.01.ccls.	USPAT	2003/12/30 16:23
-	416306	match$3	USPAT	2003/12/30 16:25
-	70	match$3 and (((((((((((((((estimat$3 near1 transmission channel characteristic$1) and (gather$3 channel information near2 ADSL remote terminal)) and (exchang$3 near1 channel information near2 ADSL remote terminal with ADSL central office)) and (determin$3 near (ADSL remote terminal) ADSL central office with channel impairment near5 channel information)) and ((ADSL central office) and (ADSL remote terminal))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls.)) and (channel information near1 attenuation characteristic per carrier)) and (channel information near1 phase rotation characteristic per carrier)) and (channel information near1 noise characteristic per carrier)) and (channel information near2 "signal to noise ratio" or (SNR) characteristic per carrier)) and (channel impairment$1 near2 bridged tap location$1)) and (channel impairment$1 near2 bridged tap length$1)) and (channel impairment$1 near1 disturber location$1)) and (channel impairment$1 near2 radio frequency interference)) and (channel impairment$1 near2 line attenuation)) and (estimating with channel impairment$1))	USPAT	2003/12/30 16:26
-	1	("5541955").PN.	USPAT	2004/01/02 16:07

-	9	"6606719"	USPAT	2004/01/02 16:42
-	522589	transmit$4 and (information or channel characteristic$1)	USPAT	2004/01/02 16:47
-	64303	determin$3 with channel impairment$1	USPAT	2004/01/02 16:48
-	21750	detect$3 with chanel impairment$1	USPAT	2004/01/02 16:48
-	664347	match$3 with channel information	USPAT	2004/01/02 16:48
-	666974	compar$3 with channel information	USPAT	2004/01/02 16:49
-	699289	(determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information)	USPAT	2004/01/02 16:50
-	320117	(transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))	USPAT	2004/01/02 16:50
-	4138	714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.	USPAT	2004/01/02 16:50
-	3173	((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)	USPAT	2004/01/02 16:51
-	898055	ADSL central office	USPAT	2004/01/02 16:51
-	831277	ADSL remote terminal	USPAT	2004/01/02 16:51
-	286215	(ADSL central office) and (ADSL remote terminal)	USPAT	2004/01/02 16:51
-	1080	(((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal))	USPAT	2004/01/02 16:51
-	431827	error$1 or fault$1	USPAT	2004/01/02 16:52
-	798	(error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))	USPAT	2004/01/02 16:52
-	778555	radio frequency interference	USPAT	2004/01/02 16:52
-	635	((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with channel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)	USPAT	2004/01/02 16:52
-	1989648	line attenuation	USPAT	2004/01/02 16:53
-	590	((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with channel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)	USPAT	2004/01/02 16:53
-	922378	disturber location$1	USPAT	2004/01/02 16:53

-	380	((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)	USPAT	2004/01/02 16:53
-	1474630	bridged tap length$1	USPAT	2004/01/02 16:53
-	278	(((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)) and (bridged tap length$1)	USPAT	2004/01/02 16:53
-	6757	"signal to noise ratio" or (SNR)	USPAT	2004/01/02 16:54
-	64	((((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)) and (bridged tap length$1)) and ("signal to noise ratio" or (SNR))	USPAT	2004/01/02 16:54
-	1245077	noise characteristic$1	USPAT	2004/01/02 16:54
-	64	(((((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)) and (bridged tap length$1)) and ("signal to noise ratio" or (SNR))) and (noise characteristic$1)	USPAT	2004/01/02 16:54
-	1137934	attenuation characteristic$1	USPAT	2004/01/02 16:55
-	59	((((((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)) and (bridged tap length$1)) and ("signal to noise ratio" or (SNR))) and (noise characteristic$1)) and (attenuation characteristic$1)	USPAT	2004/01/02 16:55
-	26993	estimat$3 with channel impairment$1	USPAT	2004/01/02 16:56

-	38	(((((((((error$1 or fault$1) and ((((transmit$4 and (information or channel characteristic$1)) and ((determin$3 with channel impairment$1) or (detect$3 with chanel impairment$1) or (match$3 with channel information) or (compar$3 with channel information))) and (714/712.ccls. or 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 714/799.ccls.)) and ((ADSL central office) and (ADSL remote terminal)))) and (radio frequency interference)) and (line attenuation)) and (disturber location$1)) and (bridged tap length$1)) and ("signal to noise ratio" or (SNR))) and (noise characteristic$1)) and (attenuation characteristic$1)) and (estimat$3 with channel impairment$1)	USPAT	2004/01/02 16:56
-	205380	match$3 and (received information with simulation model)	USPAT	2004/01/05 14:03
-	2144613	telephone line CHANNEL	USPAT	2004/01/05 14:04
-	830874	remote terminal	USPAT	2004/01/05 14:04
-	1989648	line attenuation	USPAT	2004/01/05 14:04
-	1971810	length near2 telephone line	USPAT	2004/01/05 14:05
-	287130	location near1 bridged tap$1	USPAT	2004/01/05 14:05
-	5543	parameter$1 near2 (line attenuation)	USPAT	2004/01/05 14:06
-	1017806	water logging	USPAT	2004/01/05 14:08
-	638628	(telephone line CHANNEL) and (remote terminal)	USPAT	2004/01/05 14:08
-	638628	(remote terminal) and ((telephone line CHANNEL) and (remote terminal))	USPAT	2004/01/05 14:14
-	591450	(line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))	USPAT	2004/01/05 14:16
-	2312	((line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))) and (length near2 telephone line)	USPAT	2004/01/05 14:17
-	338	(((line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))) and (length near2 telephone line)) and (location near1 bridged tap$1)	USPAT	2004/01/05 14:31
-	0	(((((line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))) and (length near2 telephone line)) and (location near1 bridged tap$1)) and (parameter$1 near2 (line attenuation))) and (water logging)	USPAT	2004/01/05 14:18
-	1	((((line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))) and (length near2 telephone line)) and (location near1 bridged tap$1)) and (parameter$1 near2 (line attenuation))	USPAT	2004/01/05 14:31
-	4572	714/712.ccls. or 714/799.ccls. 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 379/1.01.ccls. or 379/93.01.ccls.	USPAT	2004/01/05 14:34
-	1	(714/712.ccls. or 714/799.ccls. 375/222.ccls. or 375/377.ccls. or 375/220.ccls. or 375/224.ccls. or 375/227.ccls. or 370/232.ccls. or 370/252.ccls. or 379/910.1.ccls. or 379/1.01.ccls. or 379/93.01.ccls.) and ((((line attenuation) and ((remote terminal) and ((telephone line CHANNEL) and (remote terminal)))) and (length near2 telephone line)) and (location near1 bridged tap$1))	USPAT	2004/01/05 16:06
-	12	"4870638"	USPAT	2004/01/05 15:52
-	751726	error recovery with MPEG video stream$1	USPAT	2004/01/08 10:16
-	818241	identify$3 near1 transmission data rate near9 MPEG data	USPAT	2004/01/08 10:18
-	797794	identify$3 near5 MPEG data near4 system bus near2 storage media	USPAT	2004/01/08 10:21
-	1115595	select$3 near1 storage location near5 available storage location$1 near2 storage media	USPAT	2004/01/08 10:30
-	797905	selectively implementing near3 error recovery algorithm near11 MPEG data near1 maximize near1transmission bandwidth	USPAT	2004/01/08 10:34
-	1126443	stor$3 near8 MPEG data near2 selected storage location near2 storage media	USPAT	2004/01/08 10:35
-	149764	(error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)	USPAT	2004/01/08 10:42

-	32697	((error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)) with (identify$3 near5 MPEG data near4 system bus near2 storage media)	USPAT	2004/01/08 10:43	
-	14313	(((error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)) with (identify$3 near5 MPEG data near4 system bus near2 storage media)) with (select$3 near1 storage location near5 available storage location$1 near2 storage media)	USPAT	2004/01/08 10:43	
-	835	((((error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)) with (identify$3 near5 MPEG data near4 system bus near2 storage media)) with (select$3 near1 storage location near5 available storage location$1 near2 storage media)) with (selectively implementing near3 error recovery algorithm near11 MPEG data near1 maximize near1transmission bandwidth)	USPAT	2004/01/08 10:43	
-	835	(((((error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)) with (identify$3 near5 MPEG data near4 system bus near2 storage media)) with (select$3 near1 storage location near5 available storage location$1 near2 storage media)) with (selectively implementing near3 error recovery algorithm near11 MPEG data near1 maximize near1transmission bandwidth)) with (stor$3 near8 MPEG data near2 selected storage location near2 storage media)	USPAT	2004/01/08 10:47	
-	1729	perform$3 near1 identificatiion near2 individual frame near4 MPEG data near4 I-frame near2 P-frame near3 B-frame	USPAT	2004/01/08 10:51	
-	634	714/776.ccls. or 714/774.ccls. or 714/746.ccls. or 375/?.ccls.	USPAT	2004/01/08 10:53	
-	27	((((((error recovery with MPEG video stream$1) with (identify$3 near1 transmission data rate near9 MPEG data)) with (identify$3 near5 MPEG data near4 system bus near2 storage media)) with (select$3 near1 storage location near5 available storage location$1 near2 storage media)) with (selectively implementing near3 error recovery algorithm near11 MPEG data near1 maximize near1transmission bandwidth)) with (stor$3 near8 MPEG data near2 selected storage location near2 storage media)) and (perform$3 near1 identificatiion near2 individual frame near4 MPEG data near4 I-frame near2 P-frame near3 B-frame)	USPAT	2004/01/08 10:53	
-	206438	identify$3 and (MPEG data with sytem bus with storage media)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:38	
-	1308709	selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:39	
-	122665	(identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:40	
-	1760967	inter-frame predicted frame or P-frame	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:40	
-	55792	((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:41	

-	1683655	bi-directioinal predicted/interpolated frame or B-frame	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:41
-	48801	((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:41
-	2397	intra-frame	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:42
-	516	(((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:42
-	3983455	hard disk drive$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:43
-	385	((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:43
-	1120986	MPEG video stream$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:44
-	381	(((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:45
-	4075987	identify$3 with transmission data rate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:46
-	380	((((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)) and (identify$3 with transmission data rate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:47
-	2783211	slect$3 with available storage location$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:47

-	366	((((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)) and (identify$3 with transmission data rate)) and (slect$3 with available storage location$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:48
-	2558691	stor$3 and (MPEG data wit selected storage location$1 with storage media)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:49
-	365	(((((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)) and (identify$3 with transmission data rate)) and (slect$3 with available storage location$1)) and (stor$3 and (MPEG data wit selected storage location$1 with storage media))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:49
-	1922	714/776.ccls. or 714/746.ccls. or 714/764.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:51
-	2091	714/774.ccls. or (714/776.ccls. or 714/746.ccls. or 714/764.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/08 17:52
-	298	714/763.ccls.	USPAT	2004/01/08 17:52
-	3086	714/?.ccls.	USPAT	2004/01/08 17:53
-	222	((((((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)) and (identify$3 with transmission data rate)) and (slect$3 with available storage location$1)) and (stor$3 and (MPEG data wit selected storage location$1 with storage media))) and ((((((((identify$3 and (MPEG data with sytem bus with storage media)) and (selectively implement$3 and (error recovery algorithm with MPEG data with maximize transmission bandwidth with MPEG data))) and (inter-frame predicted frame or P-frame)) and (bi-directioinal predicted/interpolated frame or B-frame)) and intra-frame) and (hard disk drive$1)) and (MPEG video stream$1)) and (identify$3 with transmission data rate))	USPAT	2004/01/08 17:53

-	3890990	ECC coding unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:18
-	1063008	form$3 and (block$1 with ECC encoded data with original information)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:25
-	590094	(ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:27
-	1892772	(magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:29
-	279022	((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:30
-	1097258	controller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:30
-	1622688	array controller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:31
-	1023459	obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:38
-	313844	(array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:39
-	195466	((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:40
-	70598	(((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))) and (((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:48
-	1984031	form$3 with erasure information	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:49

-	69333	(((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))) and (((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1)) and (form$3 with erasure information)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:49
-	3869632	ECC decoding unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:49
-	283788	decod$3 and (stored ECC encoded data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:50
-	214849	(ECC decoding unit) and (decod$3 and (stored ECC encoded data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:51
-	27927	(((((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))) and (((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1)) and (form$3 with erasure information)) and ((ECC decoding unit) and (decod$3 and (stored ECC encoded data)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:53
-	1989645	form$3 and erasure information	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:54
-	27927	((((((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))) and (((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1)) and (form$3 with erasure information)) and ((ECC decoding unit) and (decod$3 and (stored ECC encoded data)))) and (form$3 and erasure information)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:54
-	2514	714/746.ccls. or 714/773.ccls. or 714/763.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:55
-	91	(714/746.ccls. or 714/773.ccls. or 714/763.ccls.) and (((((((ECC coding unit) and (form$3 and (block$1 with ECC encoded data with original information))) and ((magnetoresistive storage cell$1) with (magnetoresistive solid-state storage device))) and (((array controller$1) and (obtain$3 and (parametric value$1 with storage cell$1 with stored ECC encoded data))) and controller$1)) and (form$3 with erasure information)) and ((ECC decoding unit) and (decod$3 and (stored ECC encoded data)))) and (form$3 and erasure information))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/15 10:56